

ABSTRACT

A concave fire-rated industrial door for use in underground transportation systems includes a door panel mounted to a doorframe by pivot points. An extremely effective noncombustible seal member is interjected between door frame and door panel, and along perimeter of door panel comprised of an intumescent gasket being aided by a flexible outer sleeve housing a resilient ceramic fiber blanket along top. The door panel is latched to the doorframe by a door closure aided by a latching device that ensures that the seal integrity is maintained in the event of a fire. This door is also blast resistant. This door comes in 2 sizes.